A062137, Wolfdieter Lang, Jul 07 2014

The triangle a(n,m) begins:

n\m	0	1	2	3	4	5	6	7	8	9	10 ...
0:	1										
1:	4	-1									
2:	20	-10	1								
3:	120	-90	18	-1							
4:	840	-840	252	-28	1						
5:	6720	-8400	3360	-560	40	-1					
6:	60480	-90720	45360	-10080	1080	-54	1				
7:	604800	-1058400	635040	-176400	25200	-1890	70	-1			
8:	6652800	-13305600	9313920	-3104640	554400	-55440	3080	-88	1		
9:	79833600	-179625600	143700480	-55883520	11975040	-1496880	110880	-4752	108	-1	
10:	1037836800	-2594592000	2335132800	-1037836800	259459200	-38918880	3603600	-205920	7020	-130	1

...